

(Replacement Specification 10/812,708)

UNITED STATES PLANT PATENT APPLICATION

of

L. PERNILLE AND MOGENS N. OLESEN

for

FLORIBUNDA  
ROSE PLANT NAMED

'POULcs009'

SUMMARY OF THE INVENTION

BOTANICAL CLASSIFICATION

*Rosa hybrida*

VARIETY DENOMINATION

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'POULcs009'

The present invention constitutes a new and distinct variety of garden rose plant which originated from a controlled crossing between the female parent 'POULDrik' described and illustrated in U.S. Plant Patent No. 12,557 issued on 23 April, 2002, and the male parent an unnamed seedling. The two parents were crossed during the summer of 1994 and the resulting seeds were planted in a controlled environment in Fredensborg, Denmark. The new variety is named 'POULcs009'.

The new variety may be distinguished from its female seed parent, 'POULDrik' by the following combination of characteristics:

- 20                   1. While the seed parent 'POULDrik' has a flower color of Red Group 52C the same of 'POULcs009' is Red-Purple Group 65D with intonations of Red-Purple Group 64D.
- 25                   2. While the seed parent 'POULDrik' has

14 to 18 petals, 'POULcs009' has 50 .

3. While the seed parent 'POULdrik' has a flower diameter of 60mm, the same of 'POULcs009' is 50mm.

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The new variety may be distinguished from its unnamed male pollen parent by the following combination of characteristics:

1. The pollen parent has very pale pink flowers, while 'POULcs009' has medium pink flowers.
2. The pollen parent a low growth habit, ranging from 40 to 60 cm, while 'POULcs009' has an average height of 76 cm.
3. Flowers of 'POULcs009' have a longer lasting quality on the plant than those of the pollen parent.

The objective of the hybridization of this rose variety was to create a new and distinct variety for garden use with unique qualities, such as:

1. Uniform and abundant pink flowers;
2. Vigorous, but compact and even growth when propagated both as a budded rose

and on its own roots;

3. Disease resistance;
4. Flower color which does not fade;
5. Well suited to normal cultural practices in the garden and in containers.

This combination of qualities is not present in previously available commercial cultivars of this type, known to the inventors, and distinguish 'POULcs009' from all other varieties of which we are aware.

As part of their rose development program, L. Pernille Olesen and Mogens N. Olesen germinated the seeds from the aforementioned hybridization during winter of 1994 and conducted evaluations on the resulting seedlings in a controlled environment in Fredensborg, Denmark.

'POULcs009' was selected in the spring 1995 by the inventors as a single plant from the progeny of the aforementioned hybridization.

Asexual reproduction of 'POULcs009' by traditional budding and rooted cuttings was first done by L. Pernille and Mogens N. Olesen in their nursery in Fredensborg, Denmark in July, 1995. This

initial and other subsequent asexual propagations  
conducted in controlled environments have  
demonstrated that the characteristics of 'POULcs009'  
are true to type and are transmitted from one  
5 generation to the next.

#### BRIEF DESCRIPTION OF THE DRAWING

The accompanying color illustration shows as  
10 true as is reasonably possible to obtain in color  
photographs of this type, the typical  
characteristics of the buds, flowers, leaves, and  
stems, of 'POULcs009'. Specifically illustrated in  
the drawing: SHEET 1:

- 15                    Fig 1.1;            Open flower, stem showing  
   open flower, branching, and  
   the attachment of leaves,  
   buds, and peduncles;
- Fig 1.2;            Flower bud closed, flower  
20     bud as sepals unfold, and  
   partially open;
- Fig 1.3;            Flower petals, detached;

Specifically illustrated in SHEET 2:

- 25                    Fig 2.1;            Sepals, receptacle, and

peduncle;

Fig 2.2; Leaves;

Fig 2.3; Bare stems.

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#### DETAILED DESCRIPTION OF THE VARIETY

The following is a description of 'POULcs009',  
as observed in its growth in a field nursery in  
Jackson County, Oregon. Observed plants are 3 years  
10 of age. Color references are made using the Royal  
Horticultural Society (London, England) Colour  
Chart, 1995, except where common terms of color are  
used.

For a comparison, several physical  
15 characteristics of the rose variety 'POULfl002', a  
rose variety from the same inventors described and  
illustrated in U.S. Plant Patent Application No.  
10/685,543 dated October 14, 2003 are compared to  
'POULcs009' in Chart 1.

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CHART 1

	POULcs009	POULfl002
25 General Tonality of Open Flower	Red-Purple Group 62C	Red Group 52 D

Peduncle Length	35 to 40 mm	40 to 50 mm
Petalage	50 petals	20 to 25 petals

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#### FLOWER AND FLOWER BUD

Blooming habit: Continuous.

Flower bud:

Size: Upon opening, 25 mm in length from base of receptacle to end of bud.

Bud form: Broad-based ovoid.

Bud color: As sepals unfold, petals are Red-Purple Group 58D. At  $\frac{1}{4}$  opening petals are Red-Purple Group 58D with intonations of Red-Purple Group 58A.

Sepals:

Upper Surface:

Color: Yellow-Green Group 146B.

Texture: Moderately pubescent.

Lower Surface:

	Color:	Yellow-Green Group 146B.
	Sepal Shape:	Sepal apex is cirrhose. Base is flat at union with receptacle.
5		
	Sepal Margin:	Stipitate glands are in medium quantity at margins and lower surfaces.
10		
	Size:	23 mm (l) x 7 mm (w).
	Receptacle:	
	Surface Texture:	Smooth.
15	Shape:	Funnel shaped.
	Size:	9 mm (h) x 6 mm (w).
	Color:	Yellow-Green Group 144A.
	Peduncle:	
20	Surface:	Smooth.
	Length:	40 to 70 mm average length.
	Diameter:	3.5 mm.
	Color:	Yellow-Green Group 144B.
25		



		Anthocyanic pigments
		the color of Greyed-Red
		Group 178A observed.
	Borne:	In clusters of 5 flower
5		buds per stem.
	Pedicel:	
	Length:	35 to 40 mm.
	Diameter:	3 mm.
	Strength:	Strong.
10	Texture:	Somewhat rough due to
		the presence of
		stipitate glands.
	<b>Flower bloom:</b>	
15	Fragrance:	Light floral scent.
	Duration:	The blooms have a
		duration on the plant
		of approximately 10 to
		14 days. Afterwards,
20		petals fall cleanly
		away from plant.
	Size:	Flower diameter is 50
		mm when fully open.
25		Flower depth is 35 mm.

Form:

5 Flowers resemble an open cup, with strongly reflexed petals which curve outward from the center.

Shape of flower when viewed from the side:

10 Upon opening, upper part: Flat.  
Upon opening, lower part: Flattened  
Convex.  
Open flower, upper part: Flat.  
Open flower, lower part: Flattened  
Convex.

15 Petalage: 50 petals on average with 5 to 10 petaloids.

Color:

Upon opening, petals:

Outermost petals:

20 Outer side: Red-Purple Group 63D with marginal intonations of Red-Purple Group 64B to 64C.

25 Inner Side: Red-Purple Group 63C to

Red-Purple Group 58D.

Innermost petals:

Outer side: Red-Purple Group 63D  
with marginal  
intonations of Red-  
Purple Group 64C.

Inner Side: Red-Purple Group 63C.

Upon opening, basal petal spots:

Outermost petals:

Outer side: Yellow Group 4C.

Inner Side: Yellow Group 4A.

Innermost petals:

Outer side: Yellow Group 4C.

Inner Side: Yellow Group 4A.

After opening, petals:

Outermost petals:

Outer side: Red-Purple Group 67D  
with light streaking of  
Red-Purple Group 65D at  
the middle zone.

Inner Side: Red-Purple Group 62A.

Innermost petals:

Outer side: Red-Purple Group 67D  
with light streaking of  
Red-Purple Group 65D at

the middle zone.

Inner Side: Red-Purple Group 62A.

After opening, basal  
petal spots:

5           Outermost petals:

          Outer Side: Yellow Group 4C.

          Inner Side: Yellow Group 4C.

          Innermost petals:

          Outer Side: Yellow Group 4C.

10           Inner Side: Yellow Group 4C.

**General Tonality:** On open flower Red Group  
52B. No change in the  
general tonality at the end  
15 of the 10<sup>th</sup> day.

**Petals:**

          Petal Reflex: Variable. Slightly to  
strongly reflexed.

          Margin: Ruffled with strong  
20 undulations of margin  
observed.

          Shape: Apex: Round.  
Base: Acute.

          Size: 40 mm (l) x 46 mm (w).

25           Texture: Smooth.

Thickness: Average.

Arrangement: Not Formal.

**Petaloids:**

Quantity: 5 to 10.

5 Color: Upper surface is Red-Purple  
Group 73B. Lower Surface is  
Red-Purple Group 73A.

Size: 16 mm (l) x 14 mm (w).

10 **Reproductive Organs:**

Pistils:

Length: 12 mm.

Quantity: 79.

15 Pollen: None observed.

Anthers:

Color: Greyed-Orange Group  
167B.

Quantity: 101 (actual count).

20 Filaments:

Color: Yellow Group 3C.

Length: 8 mm.

25 Stigmas: Superior in location to  
the height of the  
anthers.

Color: Yellow-Green Group  
145D.

Styles:

Color: Yellow-Green Group  
145D.

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Length: 10 to 12 mm.

Hips: None Observed in the field  
nursery in Jackson County Oregon.

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**PLANT**

**Plant growth:** Moderate, upright to bushy. When  
grown as a budded field grown  
plant on *Rosa multiflora*  
understock, the average height of  
the plant is 76 cm and the  
average width is 76 cm.

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**Stems:**

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Color:

Young wood: Yellow-Green Group  
146D.

Older wood: Yellow-Green Group  
144A.

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Surface Texture:

Young wood: Smooth.

Older wood: Rough.

**Thorns:**

5 Incidence: 2 thorns per 10 cm of stem.

Size: Average length: 4 mm.

Color: Mature and juvenile thorns are Greyed-Red Group 178A.

10 Shape: Concave.

15 **Plant foliage:** Normal number of leaflets on normal leaves in middle of the stem: 7 leaflets.

Compound Leaf size: 140 mm (l) x 90 mm (w).

Color:

Mature Foliage:

20 Upper surface is: Yellow-Green Group 146A.

Lower surface is: Yellow-Green Group 146B.

Juvenile foliage:

25 Lower and upper surface: Yellow-Green





145B.

Anthocyanin: Greyed-Red Group 182A.

Underneath: Thorns present.

Leaflet:

5	Size:	50 mm (l) x 30 mm (w).
	Edge:	Serrated.
	Shape:	Broadly ovate. Apex is cuspidate. Base is round.
10	Texture:	Rugose.
	Thickness:	Thick.
	Arrangement:	Odd pinnate.
	Venation:	Reticulate.
	Glossiness:	Very glossy.

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**Disease resistance:**

Above average resistance to mildew, rust,  
black spot, and Botrytis under normal growing  
conditions in Jackson County, Oregon.

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**Cold Hardiness:**

The variety 'POULcs009' has been found to be  
cold tolerant to USDA Cold Hardiness Zone 6.